

**From:** Linda Boornazian/R3/USEPA/US  
**Sent:** 8/29/2012 11:35:16 AM

**To:** Victoria Binetti/R3/USEPA/US@EPA

**CC:**

**Subject:** Fw: Fw: recommended parameters for well water testing

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Sent by EPA Wireless E-Mail Services

----- Original Message -----

**From:** Angela McFadden

**Sent:** 08/29/2012 11:29 AM EDT

**To:** Linda Boornazian

**Subject:** Re: Fw: recommended parameters for well water testing

Vicky may want the actual best practices document:

[http://marcelluscoalition.org/wp-content/uploads/2012/08/Pre\\_Drill\\_Water\\_Supply\\_Surveys\\_8.28.12.pdf](http://marcelluscoalition.org/wp-content/uploads/2012/08/Pre_Drill_Water_Supply_Surveys_8.28.12.pdf)

Angela McFadden

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**From:** Linda Boornazian/R3/USEPA/US  
**To:** Angela McFadden/R3/USEPA/US  
**Date:** 08/29/2012 11:17 AM  
**Subject:** Fw: recommended parameters for well water testing

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Sent by EPA Wireless E-Mail Services

----- Original Message -----

**From:** Victoria Binetti

**Sent:** 08/29/2012 11:07 AM EDT

**To:** Linda Boornazian

**Subject:** Re: recommended parameters for well water testing

OK. Did you see the article in today's headlines--Marcellus Shale Coalition has released their recommendations on pre-drill sampling.--Vicky

### **CANON-McMILLAN PATCH**

MSC Releases Recommended Practice for Pre-Drill Water Sampling The Marcellus Shale Coalition—headquartered in Southpointe—on Tuesday released a recommended practice for pre-drill water supply surveys. This is the third in a series of recommended practices—all aimed at reinforcing the MSC's *Guiding Principles* to “continuously improve our practices and seek transparency in our operations” while furthering a fact-based dialogue that encourages responsible American natural-gas

development. Pennsylvania regulations require natural gas producers to sample and test—with the owner's consent—all water supplies within 2,500 feet of a proposed Marcellus Shale natural gas well. These pre-drill tests, which are conducted by certified laboratories, provide a baseline analysis of water chemistry prior to site preparation and development activities. According to the Center for Rural Pennsylvania, nearly 40 percent of Pennsylvania's water wells do not meet at least one safe drinking water standard and another 20 percent of wells contain pre-existing methane. More information about that analysis is available [here](#). The pre-drill water survey recommended practice document, along with an overview, is available [here](#). "For years, well before shale gas production began in the Commonwealth, straightforward science has informed us that Pennsylvania's groundwater chemistry drastically varies across regions," said MSC President Kathryn Klaber. "This recommended practice builds upon what's required by law and lays out in great detail steps operators can take to help ensure homeowners have a clear understanding of their water quality before natural gas-related activities begin. These tests, paid for by the natural gas producer, are shared with the well owners and state regulators, serving a critical public health function in many cases."

Victoria P. Binetti  
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From: Linda Boornazian/R3/USEPA/US  
To: Victoria Binetti/R3/USEPA/US@EPA  
Date: 08/29/2012 11:04 AM  
Subject: Re: recommended parameters for well water testing

When we compile can you run it by ord. Thx.

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From: Victoria Binetti  
To: KarenD Johnson; Steve Platt; Michael Eller; Ellen Schmitt; James Bennett; Richard Fetzer; Richard Rupert; Angela McFadden  
Cc: Linda Boornazian; Dennis Carney  
Date: 08/28/2012 12:59 PM CDT  
Subject: Fw: recommended parameters for well water testing

Jon and Linda have asked us to review/recommend a list of parameters that would provide a good baseline for assessing potential effects from hydraulic fracturing/gas well drilling. Please take a look at the comparison of lists from other organizations that is in the Penn State Extension Service document attached here, for starters.

### **Ex. 5 - Deliberative**

Please provide any input by COB Tuesday, September 4th. We can meet to discuss if folks would like. Thanks.--Vicky

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----- Forwarded by Victoria Binetti/R3/USEPA/US on 08/28/2012 01:18 PM -----

From: Linda Boornazian/R3/USEPA/US  
To: Victoria Binetti/R3/USEPA/US  
Cc: Jon Capacasa/R3/USEPA/US, Angela McFadden/R3/USEPA/US, Dennis Carney/R3/USEPA/US@EPA  
Date: 08/28/2012 11:07 AM  
Subject: Fw: recommended parameters for well water testing

Vicky, Jon has been providing assistance to the Marcellus Round Table discussions. One thing we comment on was the parameters they were recommending for testing should be reviewed. We volunteered to send them a list of parameters for sampling GW(private wells). We have the parameters used in Dimick, a list provided from several organizations provided below and the parameters ORD is using. Can you provide us with what parameters are important to do a baseline for private drinking water wells to assess if Fracking is of concern.

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----- Forwarded by Linda Boornazian/R3/USEPA/US on 08/28/2012 11:02 AM -----

From: Angela McFadden/R3/USEPA/US  
To: Linda Boornazian/R3/USEPA/US@EPA, Jon Capacasa/R3/USEPA/US@EPA  
Date: 08/28/2012 09:40 AM  
Subject: recommended parameters for well water testing

Page 3 of this Penn State Extension document provides a side-by-side comparison of recommendations from three state agencies and two academic ones.

[attachment "updated\_water\_testing\_\_29\_-\_june\_2012.pub[1].pdf" deleted by Linda Boornazian/R3/USEPA/US]

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